

YUGOSLAVIA

B. MARKOVIC and M. DJORDJEVIC, Departments of Microbiology and Pathology
(Institut za mikrobiologiju i Institut za patologiju) Veterinary Faculty
(Veterinarski fakultet,) Belgrade.

"Salmonellosis in Mink."

Belgrade, Veterinarski Glasnik, Vol 17, No 5, 1963; pp 415-418.

Abstract: Epidemic of fulminant salmonellosis in farm of imported mink near Belgrade, found due to *Salmonella berti* serotypes IX, XII, f, g and t which were found in organs of 6 out of 75 dead mink; severe hyperemia and hyperplasia of spleen; petechial hemorrhages of pleura, epi- and endocardium, kidneys. *Salmonella kuzendorf* was also found in 11 of the 75 dead and 9 of 25 killed mink. Exhortations to watch these expensive animals more carefully immediately upon entry into country, beware of slaughterhouse viscera as feed unless certified safe. Table, 3 Western references.

1/1

YUGOSLAVIA

LAROVIC, B., M. ULUJIC /affiliations not given/.

"A Finding of Genital Vibriosis in Cattle in Serbia."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp
491-492.

Abstract: /Authors' English summary modified/ The presence of genital vibriosis has been established in cattle in various parts of Serbia through the isolation of the *Vibrio fetus* in 1961-62 after having been established in Croatia in 1956 and in Slovenia in 1961. The disease was found in Friesian, Siementhal, and Red Danish cattle imported from Holland, Denmark, and West Germany.

Ten German and US references.

1/1

YUGOSLAVIA

OLUJIC, M., B. MARKOVIC, D. MARINKOVIC, M. ILIC, and D. MILETIC /affiliations not given/.

"Clinical Alterations and the Spread of Str. Agalactiae in the Udder of the Cow on Large Livestock Farms in the Vicinity of Belgrade."

Belgrade, Veterinarski Glasnik, Vol 17, No 6, 1963, pp 511-518.

Abstract: /Authors' English summary modified/ The authors examined a total of 2340 cows. Clinical alterations in the udder (atrophy and induration) were most common in Red Danish cows (57.4 percent), less common in Siementhal cows (49.1 percent), and least common in Friesian cows (26.1 percent). Str. agalactiae was isolated in 29.1 percent of the Friesian cows, 9 percent of Red Danish cows, and 7.4 percent of Siementhal cows. Yugoslav references.

1/1

B. MARKOVIC

"Vinodol in the electroenergetic system of western Croatia." p. 235.
(EKONOMSKI PREGLED, Vol. 3, no. 12, Dec. 1952, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, L. C., Vol. 2, No. 7, July 1953, Uncl.

MARKOVIC, B.

"Removal of added charges from the transmission lines of Gorski Kotar."

p. 355 (Energija) Vol. 6, no. 11/12, Nov./Dec. 1957
Zagreb, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

MARKOVIC, Boris, ing. (Zagreb)

Development of the electric power transmission network in Yugoslavia.
Energija Hrv 10 no. 3/4:77-83 '61.

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37.

MARKOVIC, Boris, ing. (Zagreb)

Transmission of large amount of power by very high voltage direct current.
Energija Hrv 10 no. 9/10:315-320 '61.

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37.

MARKOVIC, Boris, inz. (Zagreb)

A concept of the electric-power system connecting the Adriatic and central areas of Croatia. Energija Hrv 11 no.3/4:71-74 '62.

1. Institut za elektroprovredu (Zagreb, Proleterskih brigada 37).

MARKOVIC, Boris, inz. (Zagreb)

Determining the force exerted by the wind on overhead electric lines. Energija Hrv 11 no.7/8:229-235 '62.

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37, clan Urednickog odbora, "Energija".

MARKOVIC, Boris, inz. (Zagreb)

Development and prospects of high-tension networks over 220 kv.
Energija Hrv 12 no.1/2:22-30 '63.

1. Institut za elektroprivredu, Zagreb, Proleterskih brigada 37,
i clan Urednickog odbora, "Energija."

MARKOVIC, Boris, inz.

20th anniversary of the construction of the first 110 kv. transmission line in Croatia. Energija Hrv 12 no.3/4:104 '63.

1. Clan Urednickog odbora, "Energija".

MARKOVIC, Boris, inz.

Safe height of the overhead conductor lines at higher temperatures.
Elektroprivreda 16 no.3/4:161-169 Mr-Ap '63.

1. Clan Republickog redakcionog odbora (za Hrvatsku),
"Elektroprivreda".

MARKOVIC, Boris, dipl. inz.

"Mathematic bases and technical applications of computing electric networks" by H. Edelmann. Reviewed by B. Markovic. Energija Hrv 12 no.11/12:382 '63.

1. Chief and Responsible Editor, and Member of the Board of Editors, "Energija".

MARKOVIC, B., dipl. inz.

"Chemical engineering in the production of town gas by pressure gasification processes" by F.J. Dent. Reviewed by B. Markovic. Rudar glasnik 2:127 '64.

MARKOVIC, B., dipl. inz.

Eighty-first Congress of S... 1964. Rudar
glasnik 4:80-81 '64.

MARKOVIC, Boris, dipl. inz.

Planning a parallel long-distance transmission in Canada
Hrv 13 br.3/4:128 '64

MARKOVIC, Borisav, ing.; MATIC, Dimitrije, ing.; MIJATOVIC, Ivan, ing.

Coking of primary residues of crude shale oil and heavy Jermenovci petroleum at the "delayed coking" experimental plant at Pancevo. Nafta Jug 12 no.5:129-137 My '61.

1. Rudarski institut Beograd (for Markovic) 2. Opitna stanica Pancevo (for Matic and Mijatovic).

(Yugoslavia—Petroleum industry)

MARKOVIC, Borisav, ing., visi strucni saradnik; MATIC, Dimitrije, ing.
(Beograd, Drinciceva 32/III)

Coking of the primary residue of the distillation of raw oils from the Aleksinac bituminous shales. Tehnika Jug 16 no.12:2213-2218 '61.

1. Mining Institute, Beograd (for Markovic) 2. Chief of the Testing Station for the Technology of Aleksinac Bituminous Shales, Pancevo (for Matic).

NOVAKOVIC, Ljubomir, inz.; MARKOVIC, Borislav, inz.

The Hestings Conference on Gasification Processes, 1962.
Rudar glasnik no.4:137 '62.

1. Upravnik Biroa za termotehniku, Rudarski institut, Beograd, i clan Redaktsionog odbora, "Rudarski glasnik. Bulletin of Mines" (for Novakovic).
2. Zavod za tehnolosku preradu mineralnih sirovina, Rudarski institut, Beograd (for Markovic).

MARKOVIC, Borisav, inz. (Vlajkovicева 32, Beograd)

Efficiency ratio of boilers depending on the content of minerals
in coal. III. Tehnika Jug 17 no.6:Suppl.: Masinstvo 9 no.6:1105-1109
Je '61.

1. Visi strucni saradnik Rudarskog instituta, Beograd.

MARKOVIC, Borivoje, inz. (Beograd, Sumatovacka 41)

Forges and pressing plants. Tehnika Jug 17 no.9: Suppl. Rudarstvo
metalurg 13 no.9:1724-1733 S '62.

MARKOVIC, Bosko

Influence of economic trends on the volume of transport. Medun transp
8 no.12;840-843 D '62.

MARKOVIC, Bozidar

Preventive vaccination of children. Lijec.vjes. 72 no.2:64-65 F '50.
(CJML 19:2)

MARKOVIC, Bozidar, Dr.

Concepts of health education. Higijena, Beogr. 7 no.1-4:
633-637 1955.

1. Centralni higijenski zavod, Zagreb.
(HEALTH EDUCATION, psychol.
principles (Ser))
(PSYCHOLOGY
of health educ., principles (Ser))

MARKOVIC, BRANIMIR

Markovic, Branimir. Mikrozeizmicki nemir u Zagrebu. Zagreb (Tipografija) 1948
87 p. (Rad Geofizickog zavoda u Zagrebu. Ser. 2, broj 1) Microseismic tremors
in Zagreb. French summary. illus. bibl.)

SO: Monthly List of East European Accessions, L.C. Vol. 3, No. 4, April 1954

MARKOVIC, B.

Contribution to the knowledge of ash fusibility with special reference to the fusibility in relation to the gas atmosphere. p. 1177.

(TEHNIKA. Vol. 12, No. 7, 1957, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (IFAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

YUGOSLAVIA/Optics - Physical Optics.

K

Abs Jour : Ref Zhur Fizika, No 11, 1959, 26055

Author : Markovic, Branimir., Drascic, Rajko

Inst : -

Title : On the Interference Fringes Outside the Geometric Shadow of a Linear Filament

Orig Pub : Glasnik mat.-fiz. i astron., 1958, 13, No 1, 57-64

Abstract : The positions of the interference fringes, that are superposed on the diffraction fringes visible outside the geometric shadow of a filament have been calculated. These interference fringes are obtained as a result of interference between the rays that have passed directly in a straight line near the edge of the filament and the rays that are diffracted from its opposite edge. Photographs are given that confirm the results of the calculations.

Card 1/1

- 103 -

MARKOVIC, Branimir

Atomic spectra and nuclear spin. Obz mat fiz 7 no.1:1-8 Mr '60.
(EBAI 9:8)

1. Fizicki instiut i institut "R.Boskovic", Zagreb.
(Atomic spectra) (Nuclear spin)

MARKOVIC, Branimir (Zagreb); MILER, Dragutin (Zagreb)

Influence of light source size on interference in geometrical shadow. Gl mat fiz Hrv 15 no.2:135-142 '60.

(EEAI 10:9)

1. Faculty of Sciences, Zagreb, and Institute "Ruder Boskovic", Zagreb.

(Light) (Reflection(Optics)) (Mirrors)

s/058/62/000/011/009/061
A062/A101

AUTHOR: Marković, Branimir

TITLE: Investigation of the hyperfine structure of spectral lines of
gases

PERIODICAL: Referativnyy zhurnal, Fizika, no. 11, 1962, 39,
abstract 11B300 ("Glasnik Khim. drusht. Beograd", 1960 - 1961,
25 - 26, no. 3 - 4, 155 - 160, Serbo-Croatian; summary in
English)

TEXT: A brief outline of methods for determining the hyperfine structure
of spectral lines of gases is followed by the description of an experiment for
determining the Ne^{21} nucleus spin from the measurement of the hyperfine struc-
ture of line 6,532, 6,266, 6,074 and 5,400 Å. According to the data of the ex-
periment the spin of the nucleus is equal to 3/2.

[Abstracter's note: Complete translation]

Card 1/1

MARKOVIC, P. and JESEK, J.

"Contribution to the Study of Albian and Cenomanian in Serbia; Albian and Cenomanian Fauna of the Terrain Between Radina Luka and Rajac, Northern Serbia" p. 1-3
(IZVJEŠĆE KEMOVA, Vol. 33, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Acquisitions, 10, Vol. 3, no. 5, May 1954/ no. 1.

LAROCVIC, B.

"First results of the Geological Study made in the Area near Litovo Titov.

I. A stratigraphic Review of Formations" p. 271
(ZBORNIK RADOVA, Vol. 33, 1983, Beograd, Yugoslavia).

SO: Monthly list of East European Accessions, IC, Vol. 3, no. 1, May 1984, no. 1.

~~SECRET~~ MARKOVIC, B

Distr: 4E2c

Occurrence of iron ore in the neighborhood of Karan near Užice (Serbia). ~~Brankov Marković and Čedomir Rogić. Zbornik radova geol. nau. "Jovan Vukobratović" 9, 223-224 (1967) (Pub. 1968) (German summary).~~ In the neighborhood of Karan sedimentary iron ore occurs in several places interstratified with cryst. schists and limestones of Permian-Carboniferous age. The best ore (76.82% Fe₂O₃) is found in a locality called Catina Vre, forming a seam about 11 cm in thickness. The iron content of the seams in other localities (Golo Brdo, Vasiljevića Brdo, Mala Metaljka) is much lower (11.41-41.84% Fe₂O₃), but the ore contains Mn (0.47-14.68% Mn) and traces of Ni. The proved reserves are small (1000 tons) and the occurrence is mainly of geochem. interest. The ore has probably been formed in lakes by biochem. processes from Fe-rich waters issuing from weathering serpentines. S. Mihaili

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11/

16

MARKOVIC, Cvijan, inz., docent (Beograd, Dubljanska 68/I)

Core and mold shops in the American gray castin fo ndries.
Tehnika Jug 18 no.5:Suppl.:Masinstvo 12 no.5:880-884 My '63.

1. Tehnoloski fakultet Univerziteta u Beogradu.

MARKOVIC, D.

"Heating with exhaust steam." (p. 62).

ZELEZNICE. (Jugoslovenske zeleznice) Beograd. Vol. 10, no. 2. Feb. 1954

SO: East European Accessions List. Vol. 36, no. 8, August 1954.

JANKOVIC, Ivan; BEKERUS, Milos; MARKOVIC, Dragomir; BRZAKOVIC, Predrag

The problem of radiotherapy of osteogenic sarcoma. Med.arh., Sarajevo
14 no.6:35-39 N-D '60.

1. Radioloski institut Medicinskog fakulteta u Beogradu (Upravnik:
prof. d-r Bogoljub Bosnjakovic)
(SARCOMA OSTEOGENIC radiother)

17

CA

The determination of traces of purine derivatives in a mixture of purine derivatives. Duggan, Mayhew, Farm. Gazette 2, 403-10(1946).—The presence of 0.1% caffeine in a mixt. of theobromine and theophylline was detd. by microsublimation. At a temp. ranging from 85 to 120° for 10-15 min., only the caffeine sublimed and condensed as fine needles. For traces of theobromine in the caffeine place the mixt. on a filter paper and pour a few drops of CHCl₃ upon the mixt. The caffeine dissolves and the theobromine remains on the filter paper. The theobromine sublimates at 100-200° and condenses as fine grains. For detg. traces of theophylline in the presence of theobromine add 2 drops of 2% NH₄OH soln. to the mixt. on a microfilter paper. The theobromine dissolves and the theophylline remains. Microsublimation of the theophylline for 10-20 min. at 130-45° yields prisms. The sublimed crystals of caffeine, theobromine, and theophylline give definite, characteristic eutectic temps. with *p*-phenylenediamine, phenanthrenequinone, etc. which identify the 3 purine deriva.

Frank Marshall

1ST AND 2ND EDITIONS		PROCESSING AND PROPERTIES INDEX		3RD AND 4TH EDITIONS	
17					
CA Identification of caffeine and theobromine in drugs. D. Marković. <i>Form. Glasnik</i> 3, No. 1, 1-3(1947).— Caffeine (I) and theobromine (II) in tea, maté, cocoa, guarana paste, and cola, are identified by a method of micromelting, taking advantage of the eutectic temp. of mixts. of I and II with p-phenylenediamine (or isatin or phenanthrenequinone). A review is also given; 6 refer- ences. P. C. Karas					
ASS-5LA METALLURGICAL LITERATURE CLASSIFICATION					
FROM SYNOBION		CROSS REF		CROSS REF	
LAPTOP		CROSS REF		CROSS REF	

17

CA

Identification of anthraquinone derivatives in micro-sublimates of drugs. D. Markovic. Farm. Glasnik 4, No. 11, 181-183 (1948) (in Croatian) (English summary). No. 11, 42, 6407c. --The derivs. are identified, in micro-sublimates of powders or of dry residues of exts., by detn of the m.p. or of mixed m.ps. with known compds. Tests are reported with radix rubiae tinctorum (I), cortex rhamni frangulae (II), cortex rhamni purshianae (III), cortex rhamni fallacis (IV), and the preps. extractum frangulae liquidum (V), extractum cascarae sagradae liquidum (VI) and sagraea dragées. The method permits distinction between an old and a new II, and between V and VI. The emulsine contained in II, III, and IV was shown to be 1,6,8-trihydroxy-3-methylanthraquinone. IV contains 1,6,8-trihydroxy-2-methylanthranol, identical with that of II. By the melting diagram, 1,2-dihydroxyanthraquinone was shown to be isomorphous with 1,2,4-trihydroxyanthraquinone. N. Thon.

ASS-35A DETAILUROKAL LITERATURE CLASSIFICATION

RECORD SYMBOL

SYMBOL MAP ONLY ONE

ORIGIN

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

1951 1952 1953 1954 1955 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1968 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 1979 1980 1981 1982 1983 1984 1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000

CA

17

Tournefortia montana. Pharmacognostical examination. D. Marbovic and J. Petricic. *Farm. Glasnik* 5, No. 7, 135-48, No. 8, 153-62 (1949).—Saponins and tannins occur in all parts of the plant. The highest percentage of saponin was detected in the leaves and the stem; the blossoms contain the least amt. Diosmin, which appears in epidermal cells of almost all aerial parts of the plant, was detd. by its soly. in various solvents and by macrochem. methods. The saponins were isolated by adsorption on MgO, and identified by hemolysis. The bitter substances, extd. by ether followed by water, are contained mostly in the blossoms, less in the leaves, and to a small extent in the stem of the plant. The tannins are of phlobatannin and pyrogallol character (2.25%). The volatile oil, detd. by the Unger app., was, in one sample, 0.1%; it seems to possess antiseptic properties. Diosmin, extd. with MeOH, m. 291°. E. J. Frelih.

CA

Use of the Kofler micro-methods in vegetable micro-chemistry. D. Marković (Pharm. Fakultät, Zagreb, Yugoslavia). *Mikrochim. Acta* 36:37, 1164-62(1961).—The tests for vegetable materials with Kofler's micro-methods is reliable only when the materials are pure. In many cases microsublimation works well for effecting isolation and purification. This may be accomplished directly from the plant material or from an ext. prep'd. with a suitable solvent. The micro-identification of chem. individuals in the group of anthraquinone derivs. has been hitherto impossible because the microsublimate is usually a mixt. of oxidation and reduction products. However, a procedure is given here by which the individual members of anthraquinone series can be isolated and purified. It is possible by fractional extn. and subsequent fractional

micro-sublimation to sep. the individual members in a pure state from plants and to detect them by K.'s methods. 15 references. W. T. Hall

3

BA

1962. Identification of anthraquinone derivatives in micro-sublimates from drugs. H. D. Marković (*Mikrochem. mikrochim. Acta*, 1961, 22, 419—427).—Rheum is isolated from *Folia* and *Folliculi* *avenae*, purified by micro-sublimation, and identified by the micro-m.p. Chrysophanic acid and its anthrone, emodin-anthrone monomethyl ether, and rheum (frangula) emodin are separated from *Rhizoma Rhei chinensis*. They are purified by micro-sublimation and identified by the micro-m.p. O. D. SALTMAN.

CA

17

Identification of anthracene derivatives in microsublimates from drugs. II. D. Marković (Pharm. Inst., Zagreb, Yugoslavia). *Microchemie* *ver. Mikrochim. Acta*. 38, 419-27(1951); cf. C.A. 43, 4910g; 45, 4406b, 5770d.—Folia and folliculi sennae and rhizoma rhei chinensis were studied. With the former rhein was obtained and detected by extn. followed by hydrolysis and oxidation. Oxidation of the senna glycosides in basic solns. yielded rhein glycoside which gave rhein by further oxidation. A product obtained from rhizoma rhei chinensis was decompd. by fractional microsublimation into chrysophanic acid and a mixt. of chrysophanic anthrone and emodin anthrone monomethyl ether, which were identified. The presence of emodin anthrone monomethyl ether in the microsublimates from rhizoma rhei was established indirectly by comparison with chrysarobin by micro methods. Rheum (frangula) emodin and another unidentified compd. were also found in the sublimates. W. T. Hall

MARKOVIC, D.

Application of Kofler's micromethod in pharmaceutical
analytical practice. D. Markovic. *Acta Pharm. Jugoslav.* 3.
1974 193-197. 17 refs. Kofler's micromethod is
recommended in all laboratories between deriv. of phenyl
sulfonamide acid which is found in many drugs. This method
is used in p. a. and in other with different substances and
deriv.

MARKOVIC, D.

(2) 5
Differentiation between anthracene derivatives in
pharmaceuticals and drugs by the Kofler method. D.
Markovic (Univ. Zagreb, Yugoslavia). *Osterr. Apoth. Ztg.*
8: 164-5 (1954). An address. A method consisting of frac-
tional extn. followed by fractional microsublimation is dis-
cussed. Edward H. Sheers

✓ 11-8-54

MARKOVIC, Dragan; POJE, Branko

Examination and differentiation of waxes. Acta pharm. jugosl.
5 no.4:167-173 1955.

1. Institute for Pharmacognosy, Faculty of Pharmacy, Zagreb.
(WAXES,
differentiation technic. (Ser))

MARKOVIC, DRAGAN

The determination of the index of refraction of FAMES
Dragan Markovic and Dragan Petrovic. Pharmacology
Magazine, 1978, 246, 178-81 (1978) (English
summary). The index of refraction was determined by the Koffler
polarographic method. This technique permits an accurate
determination of the age of samples. T. J. Jurek.

2

MARKOVIC-D.

The determination of Wolf's number of some resins
Dragan Markovic and Branko 1976 (Inst. Pharmacognosy,
Zagreb). *Acta Pharm. Jugoslav.* 5: 179-81 (1965) (English
summary). — Wolf's no. (Wolf, *Die natürlichen Harze* 1928
(C.A. 23: 2940)) has been found applicable to the determina-
tion of Samarra and Samarra benzoin, but has failed with
other resins. T. Jurcic

2

Marković, D.

Marković, D. Domaines contenant le zéro du plus petit module des polynômes. Acad. Serbe Sci. Publ. Inst. Math. 3, 197-200 (1950).

For the polynomial $P(z) = 1 - z^p + a_{p+1}z^{p+1} + \dots + a_n z^n$ with $1 \leq p \leq q$, the author proves that the zero of smallest modulus lies in each of the domains $|z^k - 1/p| \leq (n-1)/p$ provided $k = mp \leq q$ where m is a positive integer, and in the circle $|z| \leq (n-1)$ if p is not a factor of q . The proof follows from the observation that, if s_k denotes the sum of the reciprocal k th powers of the zeros of $P(z)$, then for $k \leq q$, $s_k = p$ or 0 according as k is or is not a multiple of p .

M. Marden (Milwaukee, Wis.)

Source: Mathematical Reviews,

Vol 12 No 10

MAROVIC, D.

"A Method to Determine the General Composition of Polymers"

P. 37

(JSTP, Vol. 1, No. 1/2, 1977, Belgrad, Yugoslavia)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 1
No. 10, October, 1977, Unclassified

MARKOVICH, D.

Mathematical Reviews
Vol. 14 No. 10
Nov. 1953
Analysis

2

Marković D. "Sur les zéros réels des dérivées des quelques fonctions. Bull. Soc. Math. Phys. Serbie 4, no. 3-4, 1-5 (1952). (Serbo-Croatian summary)

By application of Leibniz' rule for the derivative of a product of two functions, the author finds a number of theorems on the real zeros of the derivatives of a polynomial $P(x) = a_n x^n + a_{n-1} x^{n-1} + \dots + a_1 x + a_0$ ($a_n > 0$), a rational function $P(x)/Q(x)$, or the function $\exp(P(x))$. For example, let c_j denote the real zeros of $P(x)$, α_j the real part of its complex zeros, $a = \max(c_j, \alpha_j)$, $b = \min(c_j, \alpha_j)$, and let $P^{(r)}$ denote the r th derivative of $P(x)$. Then, unless identically zero, the derivatives of $P(x)$ satisfy the inequalities $P^{(r)} < 0$ for $x > a$; but $(-1)^r P^{(r)} > 0$ and $(-1)^r P^{(r)} < 0$ for $x < b$, where r is the number of real zeros of P .

M. Marden (Milwaukee, Wis.).

MARKOVIC, D.

On the approximate factorization of polynomials. In Serbo-Croatian.

p. 53 (Bibliografija Jugoslavije) Vol. 8, No. 1/2, 1956, Yugoslavia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

MARKOVIC, D. (Beograd)

"Modern mathematics for the engineer" by Edwin F. Beckenbach.
Reviewed by D. Markovic. Ves mat fiz Srb no.11:215-216 '59.

MARKOVIC, D. (Beograd)

"Elementary introduction into probability calculation" by
Alojzij Vadenal. Reviewed by D. Markovic. Ves mat fiz Srb
no.11:219-220 '59.

MARKOVIC, Dragoljub (Beograd)

"Introduction to modern mathematics" by Albert Monjalon.
Reviewed by Dragoljub Markovic. Ves mat fms Srb no.12:178
'60.

MARKOVITCH, D. [Markovic, D.]

On the inferior limit of the moduli of the zeros of the polynomials of two variables. Publ Inst math SANU 1(15): 101-107 '61 [publ. '62].

1. Membre du Comite de redaction, "Publications de l'Institut methematique".

CUSTOVIC, I.; MILETIC, D.; HADZIMUSIC, N.; MARKOVIC, D.

Congenital hyperplasia of the adrenal cortex. Med. arh. 18 no.6:
69-75 N-D'64.

1. Klinika za dječje bolesti Medicinskog fakulteta u Sarajevu
(Sef: Prof. dr. M. Sarvan).

STULHOFER, Mladen, dr.; HERGEG, Zlatko, dr.; SLIJEPCEVIC, Sinisa, dr.;
MARKOVIC, Dusan, dr.; BLAGOVIC, Stjepan, dr.; RAKULJIC, Ivan, dr.;
SPOLJAR, Ivan

A battery-operated cardiac stimulator of domestic production
and its use in open heart surgery. Lijecln. vjesn. 85 no.7:
721-727 '63.

1. Iz Kirurskog odjela Opce bolnice "Dra O. Novosela",
Instituta "Ruder Boskovic" i Kirurske klinike Veterinarskog
fakulteta u Zagrebu.

(HEART SURGERY) (ELECTROTHERAPY)
(EQUIPMENT AND SUPPLIES)

MARKOVIC, E.

"Study of the process of color negative film development in developers with various pH" by A. Wrzesinski and N.I. Kirillov. Reviewed by E. Markovic. Kem ind 13 no. 2: 111-112 F '64.

MARKOVIC, H.

19
/ Zero energy reactor RB. D. Popović, Š. Takáč, H. Marković, N. Raišić, Z. Zdravković, and Lj. Radanović (Inst. Nuclear Sci. "Boris Kidrič," Belgrade, Yugoslavia). Bull. Inst. Nuclear Sci. (Belgrade) 9, No 168, 5-13(1959).
The Zero energy reactor with natural U metal fuel and a heavy water moderator, is mounted at least 4 m. from any reflecting surface to facilitate crit. expts. The reactor is controlled by adjusting the heavy-water level. H. H. H.

8
2-4E3C
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Surname (in caps); Given Names

Country: Yugoslavia

Academic Degrees: not given

Affiliation: Veterinary Institute of the People's Republic of Serbia
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Inst : Institute of Marine Biology

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